The Calumet BOILERMAKER

Vol. 2 No. 9 | PURDUE CALUMET CENTER, HAMMOND, INDIANA | Friday, May 27, 1955

LOCAL STUDENTS HOST INDIANAPOLIS CENTER GROUP

The Purdue Calumet Center had the privilege of playing host to a party of 34 students, teachers, and chaperones from the Purdue Indianapolis Center on Wednesday, May 11. Four students in this party were from the Purdue Center at Columbus.

The group stopped here a short while to tour our buildings while on their way to the U. S. Steel Mills which was one purpose of their trip. Leaving here at noon they went to the mills and then on to Chicago where dinner and a tour were planned to conclude the schedule for this year's trip. This is an annual affair. Last year they visited the Inland Steel Mills.

Miss Florence Lee Firnhaber, a Technical Institute student, was the only female student present in the party.

An evening student, Charles W. Casidy, received a Tool Engineer's handbook for recognition as an outstanding student in Drafting and Mechanics production planning. This award was given by the American Society of Tool Engineers Indiana Chapter No. 37. This Indianapolis Center student is exceptional in that he enrolled in 1946 as an evening student and this year he completed his studies. He graduates with a total index of 5.2 and an index of 5.5 in Drawing and Design. Also present at the award ceremonies for Mr. Cassidy were his instructors, Mr. A. W. Collins and Mr. Herman Stoelk.

College credit students with the group were George Miller, a freshman in Electrical Engineering; Cliff DeLude, a sophomore in Mechanical Engineering, and John Leininger, a Chemical Engineering freshman. Both George and John plan to transfer to the campus this fall. Cliff is planning to attend the campus this summer.

PURDUE CALUMET DEVELOPMENT Foundation Directors and Purdue Graduate Council tour Calumet Center.

Graduate School Faculty Visits Center, Region, Industries; Group Will Plan Expansion

Twenty-eight members representing the top graduate school faculty of Purdue University visited the Calumet area last Friday, May 20, in order to become better acquainted with the manufacturing that is done in the area and with the many problems that confront the industries and cities of Lake County.

The visit to the Calumet area was sponsored by the Purdue Research Foundation, according to Dr. R. B. Stewart, Vice President and Treasurer of Purdue.

This is the first time such a venture has been undertaken by the University and the idea is being carried on in order that the University and its graduate school faculty can be of more service to the local industries and communities in Lake County.

The group included: W. L. Ayres, Dean, School of Science Education and Humanities; J. C. Bottum, Professor of Agricultural Economics; D. H. Cooper, Asst. Dean, School of Science Education and Humanities; E. W. Comings, Head, Chemical and Metallurgical Engineering; R. K. Davidson, Professor of Economics; R. L. Eichhorn, Professor of Sociology; N. K. Ellis, Head, Horticulture; M. M. Erselcuk, Professor of Economics; Cleo Fitzsimmons, Professor of Home Management; B. V. Gillaspie, Head, School of Home Economics; M. R. Graney, Industrial Management; Eva Go-

(Continued on Page Three)

Adult Education Classes Offered

Purdue University is offering a wide variety of classes this summer in Adult Education. These classes will all be held at the Lafayette Campus.

The courses given will be:

Machine Tool Service Conference	June 2-3
School Custodian Conference	June 6-7
Industry Microbiology	June 6-11
School for Housemothers	June 12-25
Adv. Course in Quality Control By Statistical Analysis	June 20-28

(Continued on Page Two)

Pointed for Purdue

May 28—Technical Institute Annual graduation Dinner at San Remo Restaurant.

May 31 — Commencement and dinner for Youngstown Sheet and Tube Company Maintenance Class at Gary Hotel.

June 1 — Graduation exercises and dinner for Professional Foremen at Zarantes Restaurant.

June 2—Commencement and dinner for Inland Steel Company classes at Gary Hotel.

June 2—Beginning of special class in Plane Surveying, C. E. 100.

June 7—Orientation for beginners in Summer School.

June 8—Conference on Modern Personnel Records.

June 9-10 — Registration for Summer School.

June 13 — Classes begin for Summer School.

June 14—Class begins on Hat Design and Construction for Women.

June 20—Workshop for teachers. Speech Correction for schools begins.

Classes as Usual On Memorial Day

School will be held on Memorial Day, May 30.

It is entirely up to the student whether or not he or she will attend. No penalties will be assessed for absenteeism, but since it is so near the end of the year tests given on that day will probably be impossible to make up.

Modern Personnel Records Conference To be Held

A conference on Personnel Records will be held on June 8 here at Purdue Calumet Center.

The purpose of the conferences is to give the business men of the area an opportunity to learn more about modern methods of keeping personnel records for their businesses.

The session will begin at 5:45 p.m. with registration in the lobby. There will be a dinner at 6:00 at which time Dr. Carl Elliot, Assoc., Prof. of Industrial Psychology at Purdue Calumet Center, will speak on "Why Keep Personnel Records." At 7:30 P. V. Csaszar, Manager of I.B.M. in Hammond, will lecture on "Typical Mechanized Systems in Operation."

This conference is one of the many services that Purdue offers to the community and is open to anyone who would care to attend.

Dr. Hawkins Gives Final Lecture in Current Series

By Tony Fadda

The fourth and last of the current lecture series, "What is an Engineer," was delivered by Dean George A. Hawkins. Dr. Hawkins, Dean of the Schools of Engineering at Purdue, talked on the importance of Engineering today and discussed some of the many fields open to engineers.

Creative Design, a new school of thought in engineering education, has been increasingly adopted throughout the country since 1940, according to Dean Hawkins. Creative design emphasizes general engineering, general physics and chemistry, and general background knowledge as opposed to the shop work and speacialized skills of the old school.

The new trend, designed to fill the need for future development engineers, is expected to be universally accepted within 10 years. Specific courses are being dropped to make way for the development of one, unified engineering course.

Next year a new course, engineering science, featuring math, physics, plasticity and elasticity, fluid flows, electricity, and similar subjects will be given a trial run on 40 students.

Dean Hawkins' definition of an engineer is a person interested in developing things for the future and applying the basic sciences to problems which occur, as contrasted to a technician who is concerned with installation and maintenance.

Dr. Hawkins stated that, after graduation, five large fields are open to the engineer. These are: engineering science, claiming 5-10% of all engineers; creative design, with 10-20%; functional engineering, with 40-50%; engineering technology, with 10-20% while 5-10% find non-related fields.

Approximately 50% of engineering graduates are in management 10 years after graduation.

Revised Constitution For Student Council Is Ratified

The revised Constitution for the Student Council was ratified by the student body in a two-day balloting held on May 11 and 12.

The voting by the student body was very light but the proportion of those students who favored the revised Constitution was enough to approve it as the new working framework for the Student Council. Those who did not vote had ample opportunity. Their failure to do so gave tacit approval to the new constitution.

The chief revisions of the Constitution provide: that the election of the President and Vice-President by the Representative Assembly be held in May or after the Student Council elections in October; that the President shall not be eligible for re-election; that the Secretary and Treasurer assume full responsibility for their duties and be regular members of the Executive Board; that the Representatives-at-Large be chosen from those candidates for representatives of the freshman, sophomore, and Technical Institute who poll the largest vote in each category; and that there will be four representatives each from the Freshman and Sophomore classes.

It is also planned to have the Executive Board and the Representative Assembly sit as separate bodies. in the future with more emphasis on the governing problems of the student body. A permanent social committee will be formed to handle the social activities.

STUDENT COUNCIL INTERIM COMMITTEE ANNOUNCED

Bob Lee, President of the Student Council, announced the Student Council Interim Committee at the last meeting of the Student Council, Thursday, May 26.

The members of the Interim Committee for the summer will be Glenn Mathis, Chairman; Ray Williams, Robert Rucoba, Charles Isaacson, Carolyn Barnard, and Pat Moscatello.

The function of the Interim Committee will be to help the Orientation Committee in the fall with the new students and conduct elections for Student Council in October.

Purdue Center Sponsors New High School Physics Organization

The Physics Department of Purdue University, Calumet Campus is sponsoring a new physics organization for the benefit of high school students interested in physics.

The purpose of the organization is to stimulate an interest in physics at the high school level, to promote a better relation between the Calumet Center and its contributary high schools, to provide a common meeting place for youths interested in physics and to challenge the intelligent student to greater heights of learning.

The establishing of the club was an outgrowth of a series of advanced physics demonstrations given by the Physics Department for the benefit of high schools not having the advanced equipment. These experiments dealt with mechanics, heat, light, sound, and electricity. At the conclusion of the demonstrations the students in attendance expressed a desire to have an organization in which they could study more about Physics and its related fields.

The club was organized by Mr. Vincent Flannery and Mr. Gilbert Rainey. Anyone may be a member so long as he or she is taking or has taken high school physics, and is willing to take an active part in the business of the club. Any high school student who is not a member of the club may attend its meetings, however, and take advantage of the information offered.

The organization held a meeting on May 19 at which time club officers were elected. Wayne Wickelgren of Hammond High School was made president, Veidre Sitnich of Morton High School, Vice President, and Joyce Baldwin, also of Morton, Secretary.

The Calumet BOILERMAKER

Published by the Students of Purdue University—Calumet Campus
2233 171st Street, Hammond, Indiana — Ph Tilden 4-0520

Vol. 2 Friday, May 27, 1955 No. 9

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Those Low Paid Engineers

The Engineer is the most sought after of all college graduates. Employers all over the U. S. make a point of offering high starting salaries to entice these men into their companies. But many graduates in other fields, over the long run, catch up with—and often pass—engineers in earning power. These findings come from an employment study made by the director of placement at Northwestern University.

The average engineering graduate, who started five years ago with a salary of $270 a month, now makes $513. The average student with accounting or general business training, starting lower, still trails the engineer—though his earnings have risen at an equal rate. The student in the sales field, however, who began at $254 a month now gets $547. These are just average students, but the survey shows, that among even the outstanding graduates who were also outstanding in their jobs, the liberal-arts major outearns the engineer.

What say you? Shall we transfer to Indiana.

An Education Is a Prerequisite to Success

In this day of modern science, it is of the utmost importance that we, of the younger generation, get as much education as we can. It is not enough to get a high school diploma as it was twenty years ago. The giant strides science has made in the last decade, make having some knowledge of science important even to the common laborer. Those of us who wish to better adjust ourselves to the modern world must equip ourselves mentally.

Twenty years ago, a high school education was enough to get a person a fairly good job and a chance for advancement. This isn't the case any more. High school education is now a stepping stone to higher learnings.

When I was seeking a job in 1952, I sought one that I thought I would like and was qualified for. The best paying job I could find was in a local refinery. It appeared on the surface, at least, that I was headed for a mild success. I was led to believe so because in order to get hired I had to have excellent reference, take a physical examination comparable to the one given servicemen, have a high school diploma, and pass two examinations. After all that trouble, I felt sure that I would get a pretty good job. It may have been true—if you consider digging holes a good job.

Supervisors in industry were formerly chosen from a group of workers. The best man usually got the job. The time is here when boys out of school are taking almost all of the supervisory jobs because they can express themselves clearly and can theoretically accomplish a job without the old "hit and miss" methods.

Of course, it is still possible to become a member of supervision without having at least a high school education, but cases of this kind are rare. Only a few exceptionally gifted men of little learning can manage to squeeze into the better jobs. Even when some of them do, they are limited.

In my opinion, this important fact must be remembered by those who go on to higher learning: Education is a key, but it must be used wisely to open the doors to success. Regardless of social or economic standard, it must be remembered that many highly intelligent people have failed miserably in supervision because they failed to realize that their subordinates were human beings and wished to be treated as such.

Older and much wiser people urge us, the younger and more fortunate, to go on with our education because they know that the lack of education will impair our ability to succeed. Being placed at an asesmbly line is no fun. We need the feeling of importance to achieve happiness. Education is the key to the doors that will open good jobs for us.

Scientists and scholars urge us on. They know that if our country is to retain its position of prominence in world events, we must continue to advance in all fields. Without the intelligent people in this country, we would soon be reduced to poverty and would lose our position as a world power.

All of us aren't fortunate enough to go on to degrees, but in our own small way, we can contribute. We all benefit from education, and so does our country.

What has education done for us? We here in the United States are fortunate to be enjoying the highest standard of living in the world. With only one-seventeenth of the world's population we have over one-half of the world's goods. Why? Because we have the leading men in all fields. Would we have these great men if it were not for education?

If we look into our country's history books, we find we have had many great and famous discoveries made here. All of them have helped to put us in our place of prominence today. Every new year brings new advances in all fields. Just recently, a new page was written in the medical history books. You have all heard of the new vaccine for polio. All the men who have helped to make this country great have one thing in common: they are all, in their own way, learned men.

Many of our local industries have excellent examples of what an education can do to help a man. Some men attending evening classes have noticed increases in their pay. Education does not go unrewarded.

There are those who insist that going to school teaches us to become lazy and afraid of work. I say the opposite is true. Going to school teaches us to accept responsibilities. We have to give up many things. While others relax, we study.

Every day on our journey to become educated, we must face a challenge. The roads are long, but the rewards are great. Those who disagree can check the statistics on successful men. They all are educated men. We also must strive to become better educated if we hope to find success in some chosen field.

As a closing comment, I will disagree wholeheartedly with anyone who will not see a need to help in some way to make the future better for all of us.

—Richard Balka

CALUMET CENTER STUDENTS prepare for the recent spring semi-formal, the U. S. S. Temulac.

Calumet Center Represented At A.S.E.E. Meeting

The 18th annual meeting of the Illinois-Indiana Section, American Society for Engineering Education was held at the University of Notre Dame, Saturday, May 21.

The program highlight was an address by Dr. R. R. Paty, Director of T. V. A. Diversified afternoon conferences and panels were scheduled for various departments and major interest groups.

Wives of attending members were afforded an interesting tour of the campus. Chief points of interest were the Art Museum, the Grotto, Sacred Heart Church, and the old log chapel that was built in 1842.

Calumet Center was represented at this meeting by M. E. Gyte, P. V. Flannery, D. E. Norris, Joseph Rapal. Chas. Rhodes, and H. A. Williamson.

Six New College Courses Added

Six new courses will be added to the college curriculum here at P.U.C.C. in the fall. These courses will all be of advanced credit at the junior-senior level. Where no prerequisites are required for entrance into the course, however, underclassmen may take advantage of them.

The courses to be given include: American Labor History, Econ. 555, a study of the historical development of the labor movement in the U. S.; Introduction to Measurement and Evaluation, Educ. 504, a course in the theory and practice of measurement; Europe In the 16th, 17th and 18th Centuries; His. 405; Vector Analysis, Math 523; Heat Transmission, Me. 505; and Minerology of Ores, Geol. 261.

Adult Education . .

(Continued from Page One)

Classroom Teachers Association .....July 11-12
Conference for Educators in Correctional Institutes July18-21
United Association Apprentice Contest .....Aug. 15-19

Most of these classes given as a service to the public will be taught using the conference method.

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Graduate School . . .

(Continued from Page One)

ble, Home Economics Extension.

John Hicks, Asst. to the President; J. S. Johnson, Head, Electrical Engineering; H. E. Koffler, Professor of Bacteriology; C. H. Lawshe, Professor of Psychology; E. T. McBee, Head, Chemistry Department; G. B. Bachman, professor of Chemistry; R. A. Morgen, Director, Purdue Recearch Fundation; M. B. Ogle, History, Government and Philosophy; N. Parlee, Professor Chemical and Metallurgical Eng.; R. Schuhmann, Jr., Professor of Chemical and Metallurgical Engineering; E. T. Weiler, Head, History, Economics and Philosophy; R. M. Whaley, Professor of Physics; K. B. Woods, Head, Civil Engineering; E. C. Young, Dean, Graduate School; H. H. Remmers, Head, Educational Reference; Lucille Smith, Lake County Home Demonstrator.

Out of this visitation it is highly posible that many new ideas for special courses will develop and the special use of the Purdue research staff by the local industries in solving many of their complex manufacturing and research problems may be made. Many small research functions could be started on a local basis in conjunction with the Calumet Center with the final project being completed at the LaFayette Campus.

The group arrived at the Gary airport at 8:30 a.m. on Friday and was broken up into groups that visited the following plants: United States Steel Corporation, Gary; Pullman-Standard Research Laboratories, Hammond; Sinclair Research Laboratories, Harvey; Swift and Company, Plant Foods Division, Hammond; Inland Steel Company, East Chicago; Lever Brothers Company, Hammond; American Maize Products Company, Hammond; Standard Oil Company of Indiana, Whiting; Continental Foundry and Machine Company, East Chicago; Youngstown Sheet Tube Company, East Chicago; Inland Steel Research Laboratories, Hammond.

A special group spent the entire morning touring all of the Lake County in order to get a first-hand picture of the many sociological problems that confront the world's largest industrial center. At noon the group met for lunch at the Purue Calumet Center, as well as the Board of Directors of the newly organized Purdue-Calumet Development Foundation. The latter Foundation is presently working on a rehousing and rehabilitation program in East Chicago. During the afternoon the faculty members toured the Purdue Calumet Center and the new Woodmar Research Laboratories of Inland Steel Company.

After this visit there was a meeting with the faculty at the Calumet Center to discuss ways in which the graduate school and the Calumet Center Faculty can cooperate more closely in developing projects that will be of interest to both the local industries and the University.

At 5:30 p.m. the group met at the Gary Hotel for dinner and invited as their guests many of the leading industrial and research people of the Calumet area including representatives from Inland Steel Company, Inland Steel Research, Youngstown Sheet and Tube Company, Standard Oil Company of Indiana, Combustion Engineering Company, Inc., Continental Foundry and Machine Company, Edward Valves, Inc., Socony Mobile Oil Company, Sinclair Research, Republic Steel Company, Lever Brothers Company, Cities Service Oil Company, Sinclair Refining Company, Gary Steel Works, Gary Sheet and Tin Company, American Bridge Company, National Tube Company, Universal Atlas Cement Company, Pullman Standard Research, Dr. Hugh Kuhn, Mr. Frank Gorseline, and Mr. R. F. Tinkham.

This new venture by Purdue University, the Purdue Research Foundation and the Purdue-Calumet Development Foundation will open many new fields of service to the people of Lake County, according to Dr. Ralph A. Morgen, Director of the Purdue Research Foundation. In an area as vital as the Calumet to the total economy of the entire country, untold projects can be developed that will advance the industries and communities of Lake County. It will provide a new era of higher education for the young people of the country.

Phil: "Mary is awfully smart. She had brains enough for two."

Abe: "Congratulations, old man! She's just the girl for you!"

First Mountaineer: "I hear your wife makes pretty good corn liquor."

Second Mountaineer: "Yep, Reckon I oughta be ashamed of 'er. But with all her faults, I love her still."

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Loose Rivets In the Boiler By John Millard

By John Millard

The plate on the softball diamond should be repaired before somebody gets hurt. Speaking of getting hurt playing baseball, condolences to Ed Setmeyer on his recent vacation, courtesy P.E.M. 112. That was an unfortunate accident, and we sincerely hope Ed is feeling better.

Many thanks to the faculty members who occupy room 101, for their tolerance of the paper, and their uncomplaining way of giving up the private sanctity of their office so that the paper could have a place to hang its hat.

They have not complained when their desks have been appropriated for the purpose of laying out the paper, and the million and one little inconveniences of having a newspaper put out from their office.

We hope, for the good and peace of mind of the faculty that the school administration will see fit to give us a room, someplace, where the paper, and only the poper operates. This would help all concerned and help to create a more harmonious atmosphere for all involved.

The faculty-student ball game was put back a week. Seems the faculty was going to hold a meeting. Sounds like they needed another week of practice to prime themselves for the event.

Any of you cats still have a library book out. Do the little people who run the morgue a break, fellows, and run the books back today.

"The quality of mercy is not strained." — Shagespere. We sincerely hope the instructors will remember these previous words of the immortal bard and while they prepare the final exams. A lot of students will be going on to other pastures at the end of the semester. We trust the faculty will not give them any unpleasant memories of their last days here.

During the past year of publication a lot of interesting, funny, and sometimes almost tragic bloopers have been detected by the Boilermaker's faithful staff of proofreaders. Thought you might be interested in a few of them. So here, for what they are worth, are a few choice ones.

A head on a story—"Dance Is Hell For Students & Faculty." A byline—"My Mary Garvey." A classic question by a contributor—"Is it too late to get this in, or has the printer gone to bed already?" An ad for a clothing store was laid over another of a bookshop so that they read "Katzy Slax is Our Business." An article by Miss Siguid Stork. From the last issue—If you are among the many who enjoy good poetry, fail to come to the Poetry appreciation class.

The very wise man who stated, "Time waiteth for no man," reckoned without the clock repairman, as was illustrated very early this month. All time waited patiently at 3:10 or 3:00, depending on where you happened to be at the time. Tempers don't always fugit now, does it?

Who is the fiend who has been taking all the pencil sharpeners around this institution? Is it a plot to cause P.U.C.C. grads to have a strange complex, or has it something to do with the bookstore's overstock of mechanical pencils?

Figures seldom lie, but liars often figure.

Jerry Mazur went to the Fat Boy—ordered milk in an evenflow bottle—**and got it!**

This has been a good year at P.U.C.C. The Student Council has finally adopted a constitution; the Boilermaker has celebrated its first birthday; the basketball team took second place in the Extension tourney; the Armory became more than a dream, when construction was started; and P. U. C. C. got started down the road to firm establishment as a real college, with a real college spirit. Hope that next year we can roll down the road at a faster clip.

I have enjoyed being here with all of you this year, and I hope you have enjoyed reading these scribblings. To those leaving I say goodbye and goodluck, and to you returning I say enjoy your summer, and I hope to see most of you next year from some vantage point.

Spring Semiformal Sets Campus in Bloom

Anyone who entered the Purdue Calumet Center on the night of May 14, around 9:00 p.m., first noticed a spotlighted tree at the height of its blossoming glory, under which was situated a sturdy white bench. The next feature to catch the eye was the ticket window of Pier 7, and then the story began to unfold. This was the pier from which the U.S.S. TEMULAC was to depart with all the sailor boys and their lovely seagoing maidens, gaily bedecked in their formal garb for a nautical evening at sea.

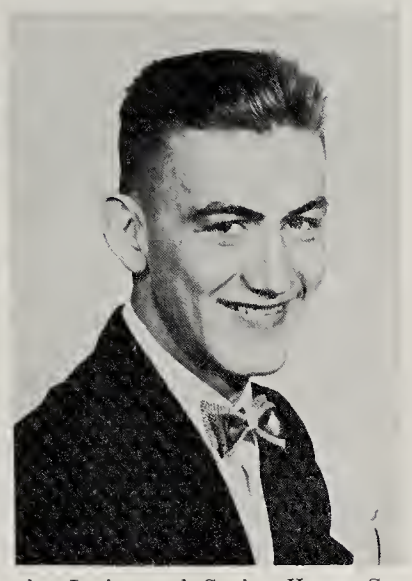
After a brief moment at the ticket office, the couples proceeded to the deck, which was abundant with life preservers, anchors, and high flying flags. As the ship began its cruise, one could see a small island off in the distance, just as the rays of the setting sun tinged the horizon with its Midas touch. The music of the Kent Brothers invited everyone on deck to dance; the swishing formals, the gentle breeze, and the lapping waves against the TEMULAC could all be discerned if one allowed himself to be transformed by the atmosphere.

When thirst needed quenching, a retreat to the cocktail lounge in the hold of the ship revealed a treasure of zippy, ice-cold punch and tasty pastries. A party atmosphere prevailed in that spot with its floating balloons and subdued candlelight.

The feminine halves of the chaperoning couples were presented with fragrant gardenia corsages, compliments of the Student Senate. The couples were Dr. and Mrs. L. Winston Cone, Mr. and Mrs. Norman Benedict, and Dr. and Mrs. Keith Smith.

As co-chairmen of this annual spring semi-formal, Jackie Jagiel and Bob Carr, wish to express their thanks to the chaperones, to everyone who helped in any way on committees or with other work, to the U. S. Navy for the use of their flags, and to the Senate sponsors, Dr. and Mrs. L. Winston Cone, for their willing and ever-available service to the Senate members.

Purdue Personalities . .



Over the past several issues of the "Boilermaker," articles have appeared about the outstanding personalities around the Calumet Campus. This being the last issue of the season, we pulled a witch and interviewed the interviewer and photographed the photographer.

The interviewing and writing of the personalities has been done by the feature editor, Charleen Adams. Charleen was born and reared in Gary. She attended Jefferson and Emerson Grade School, and, after moving to the suburbs, attended Merrillville High School.

In high school, Charlie (as she is better known) was active in the Pep Club, and on the school year book and newspaper staffs. She served the newspaper as Grade school editor and News editor. After graduating from Merrillville at the age of 17, she worked for awhile and then in September, 1954 started here at the Center.

Charlie will transfer to the campus next fall to continue her home economics studies. She plans to become a Home Economics teacher.

Under the heading of pastimes and hobbies, Charleen listed letter writing, sewing, reading and just doing nothing. She likes long rides on summer evenings and Ray Anthony's music. As for dislikes, Charleen said, "Nothing in particular."

Merle Pfeil was born here in Hammond way back in May of '36. He attended Edison Grad School and Hammond High School. He graduated in 1954 and last September entered Purdue to study electrical engineering.

High school found Merle active in the German Club, the Choir, and the Junior and Senior Honor Society. Here at Purdue he has become known for his photographic work for the "Boilermaker." Next year will find him in Lafayette at Cary Hall.

For enjoyment Merle likes photography, radio (hi-fi), astronomy, hot rods, and (like most men) girls. (I can't help wandering how he mixes his likes?) Tops on his pet peeve list is work in general.

Library Books Needed

Those who have withdrawn books from the Center Library should return them by the end of the week. The Library, after inventorying its volumes, has found many of them unaccountably missing. Everyone is asked to cooperate in using books according to the necessary rules, thereby keeping them available for the use of all.

Spring Hayride

By Jackie Jagiel

The weatherman's cooperation in producing a crisp, clear starry night enabled the Student Senate to hold its annual spring hayride on April 30 at Clark's farm in Schererville. Four hayracks full of students and chaperones experienced the two-hour ride that was spiced with laughter, star-gazing, joking, and the usual jostling and hay-fighting.

Awaiting the group on their return was a huge bon-fire built in a deep meadow behind the farm.

Special thanks go to the following couples for chaperoning: Dr. and Mrs. L. Winston Cone, Mr. and Mrs. Clarence Zacher, and Mr. and Mrs. Glen Pearman.

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Ann Vermillion Leaves Purdue To Do Advanced Study Toward Ph. D.

Miss Ann Vermillion of the Psychology Department is leaving Purdue this summer to take up advanced work toward a Ph. D.

Miss Vermillion, a native of Connecticut, attended Purdue from 1949 until 1954 where she obtained her Masters degree in Psychology. She began teaching at P.C.C. in the fall of 1954. Along with her teaching chores she has had charge of the Guidance clinic here at the center.

Although she is not definite about which school she will attend to work on her degree, Miss Vermillion is hopeful of being accepted at Columbia, Yale or N.Y.U., all of which are near her home.

All who have known Miss Vermillion during her year here are truly sad to see her go. It will be a great loss to the school.

Drafting Department Plans to Double Fall Enrollment

By Marilyn Senko

Expansion is the theme for the drafting department here at P.U.C.C., for the department plans to double the enrollment in the Fall Technical Institute program. A great increase in College Credit enrollment is also expected.

Last semester's Technical Institute schedule featured two daytime drafting classes; this is now expected to increase to four next semester.

In the College Credit program, the number of drawing classes is expected to increase to seven.

The full-time instructors in both T. I. and College Credit include Asst. Prof. C. H. Zacher, head of the drafting department; Mr. E. C. Gallet; and Mr. C. J. Beauchamp.

Part-time instructors in T. I. and College Credit programs are: Mr. H. H. Maetin, Mr. C. C. Dinger, Mr. R. Boydston, Mr. E. Gedrich, Mr. R. Robenhorst, and Mr. J. W. Alden.

Mr. G. M. Yurkanan is the drafting instructor in the Inland Steel program and Mr. J. Barkert is the instructor for the Youngstown program.

In the college credit program such subjects as Engineering Drawing, Descriptive Geometry, and Surveying are found on the schedule. These courses are designed to give every engineering student a knowledge of the fundamentals of drafting and the use of surveying instruments.

Technical Institute subjects include Technical Drawing, Graphical Computation, Strength of Materials, Mechanism, and Advanced Machine Design. Those who complete these subjects are primarily prepared for technological services in drafting and design departments; mechanical maintenance division testing; inspection laboratories, and related industrial production units.

CALUMET COMMUNITY RAILROAD group attends class at Calumet Center.

T.I. Grads, Alumni Hold Annual Banquet

The T. I. graduates will be joined by T. I. alumni, dignitaries from Lafayette campus, Calumet Center faculty members and guest speaker Dr. John Goodpasture at the traditional social gathering in the graduates' honor, May 28 at 6:30 p.m., for the annual Technical Institute dinner at the San Remo Restaurant in Highland, Indiana.

The Toastmaster for the evening will be Wallace Weiert. The program will consist of a talk by Dr. John Goodpasture of the 43rd Avenue Presbyterian Church of Gary, on "The Four Faiths."

This dinner is one of the high points of the year for the T. I. men and should be highly valued by alumni as well as by students.

Senate Entertained By Their Sponsors

Following the call for "all hands on deck" that was issued to rally support for the job of disassembling the U.S.S. TEMULAC on Sunday afternoon, May 15, the able-bodied seamen of the Student Senate were entertained by their faculty advisors, Dr. and Mrs. L. Winston Cone, on the terrace of their home at 6912 Woodmar.

The hale and hearty appetites that the nautical activity produced were relieved by spicy barbecues, delicious potato salad, coffee, and pop, topped by a very tasty cake and ice cream treat.

After the terrace was cleared of everything movable, the students danced to the music of Jerry Pels' accordion. Conversation and laughter were the rule, and there was no exception. Steve Zelencik moved that the party be a weekly affair; the motion was seconded; all in attendance approved except the host and hostess.

INDIANAPOLIS CENTER visitors board bus to visit industry.

Legal Drags?

By Harold Balbach

The Chicagoland area is in desperate need of a drag strip.

But first—what is a drap strip? The term is derived from the word drag, meaning: "to engage in a contest of acceleration from a standstill over a measured course (especially said of automobiles and motorcycles); and strip, a holdover from the days when old airstrips were the only available sites for holding such contests. They are generally from sixty to several hundred feet in width and from one-half to one mile in length and paved with smooth concrete or asphalt.

The purpose of drag racing is to determine the accelerating ability of a vehicle. Usually drags are held over a surveyed quarter mile and the average speed of the car is timed between two electric eyes spaced 132 feet apart, bracketing the quarter-mile mark. Beyond this point is an area which allows room to stop cars. Drag racing is a good measure of the general performance of an automobile and is one of the safest ways known to compete directly with other cars. No one is ever known to have been killed or seriously injured while participating in a legal, supervised, drag race.

Mechanically minded individuals in this area have no place where it

(Continued on Page Six)

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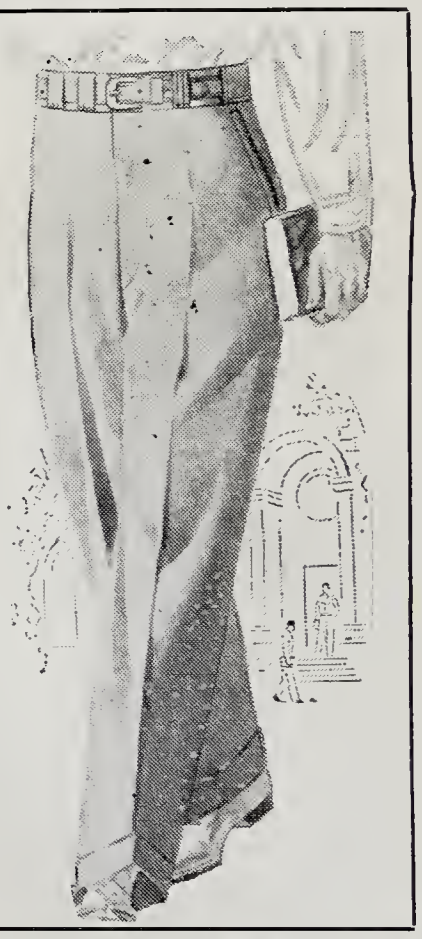

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Professor Lieber Publishes Science Paper

A scientific paper entitled "Kinetics of the Isomerization of Substituted 5 - Aminotetrazoles," by Professor Eugene Lieber, has appeared in the most recent issue of the Journal of American Chemical Society, Volume 77, page 2264, April 20, 1955.

This is the thirtieth scientific paper which Professor Lieber has published based upon his researches on the fundamental properties of chains of nitrogen atoms. The work upon which the present paper is based was initiated in 1951 at the U. S. Naval Ordnance Test Station, China Lake, California, where Professor Lieber served as a scientist and consultant to the Naval Bureau of Ordnance during the years 1951 and 1952.

The name "tetrazole" means literally "four nitrogen atoms" and refers to a class of compounds in which four nitrogen atoms are joined cyclicly by means of a single carbon atom. Professor Lieber, and his group of co-workers, discovered that these cyclic chains were capable, under certain conditions, of opening up and rejoining themselves in a contrawise fashion. Although this family of compounds had been known for fifty years, this was a brand new discovery concerning the proprieties of these compounds. Professor Lieber has studied this phenomenon very carefully and has previously published four scientific papers on the subject.

The tetrazole compounds have found very important usage in explosives, and, as is so often the case with compounds used to destroy, they have also found very important applications in medicine.

MR. GILBERT RAINEY demonstrates scintillation counter to members of new High School Physics Club. (Story on Page 1.)

Legal Drags . . .

(Continued from Page Five)

is legally possible to test the performance of their automobiles. Humans, being the breed they are, racing on the highways, generally unsafe and never legal, is often the result. It has been shown in many other areas of the country that programs to get racing off public roads and to provide a safe, legal place for it has done much to further good relations between law enforcement officials and our automotively inclined population.

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